

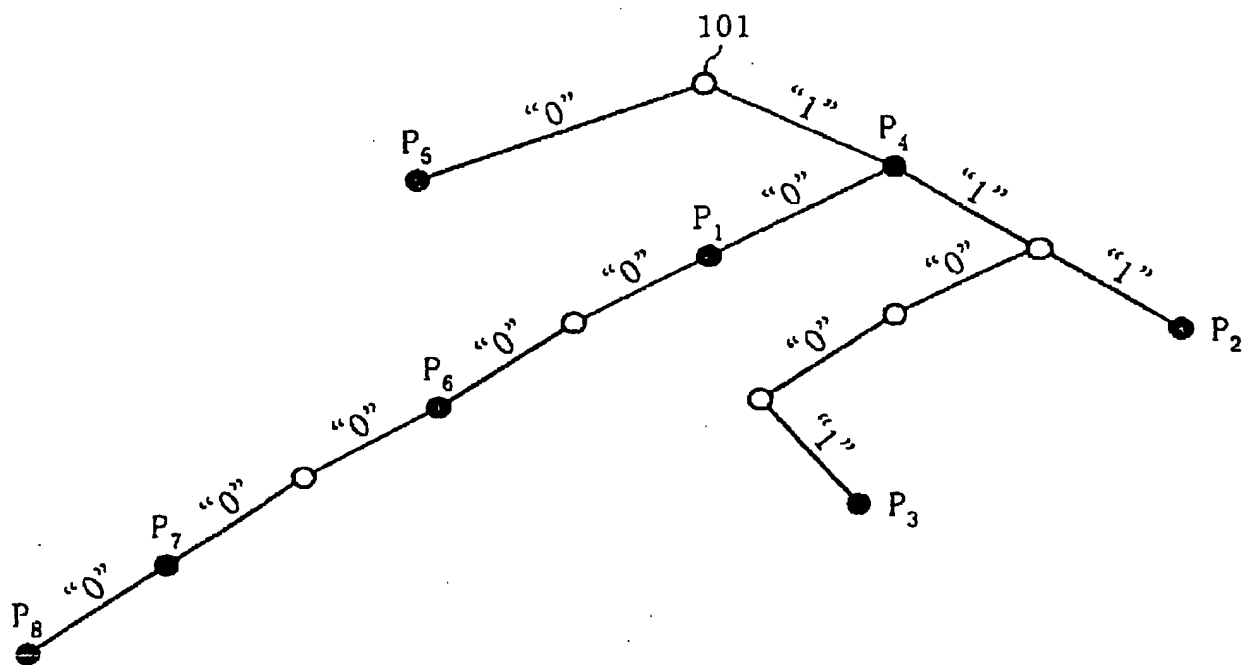
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FIG. 1

$$\begin{aligned}
 P_5 &= 0* \\
 P_1 &= 10 * \\
 P_2 &= 111* \\
 P_3 &= 11001* \\
 P_4 &= 1* \\
 P_6 &= 1000* \\
 P_7 &= 100000* \\
 P_8 &= 1000000*
 \end{aligned}$$

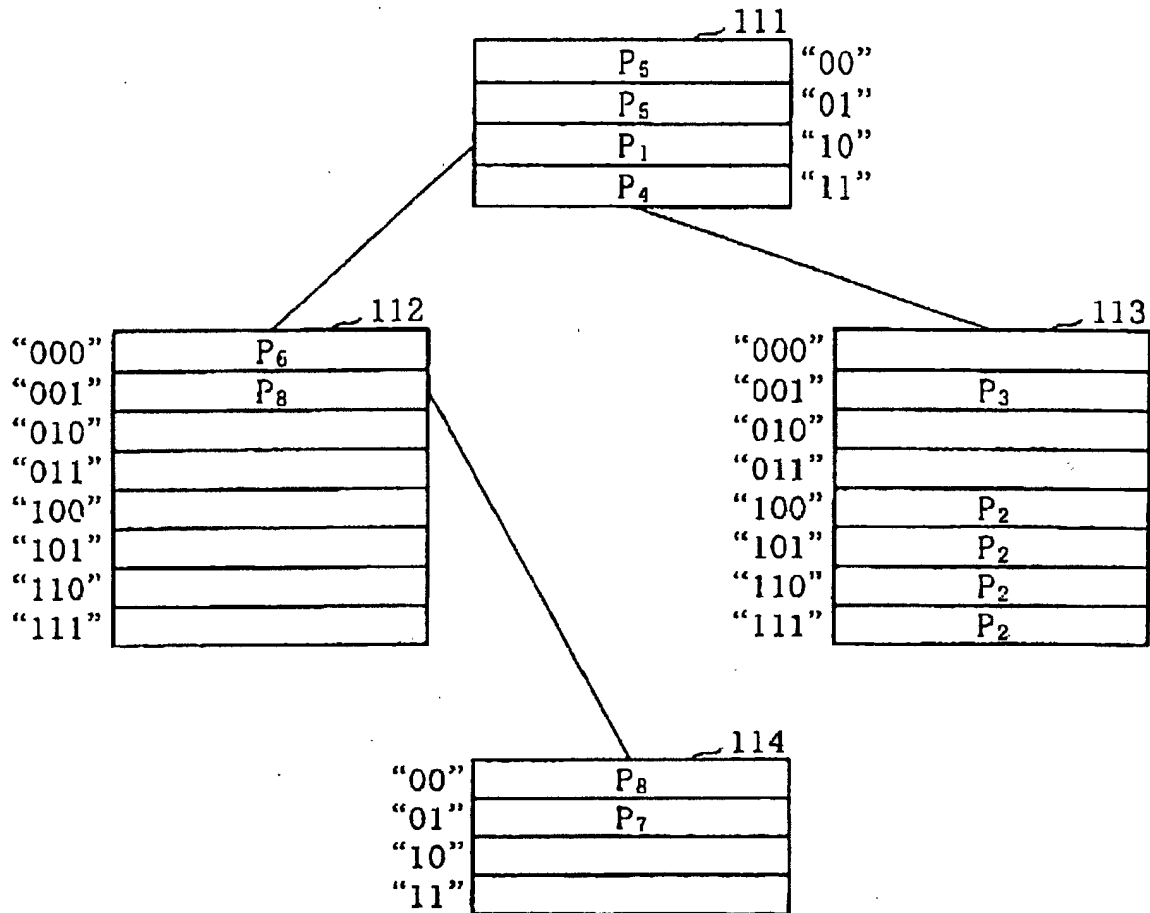
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FIG. 2



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FIG. 3



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FIG. 4

Original	Expanded (3Level ₅)	
$P_5 = 0*$	00* (P_5)	Length2
$P_1 = 10 *$	01* (P_5)	
$P_2 = 111*$	10* (P_1)	
$P_3 = 11001*$	11* (P_4)	
$P_4 = 1*$	11100* (P_2)	Length5
$P_6 = 1000*$	11101* (P_2)	
$P_7 = 100000*$	11110* (P_2)	
$P_8 = 1000000*$	11111* (P_2)	
	11001* (P_3)	
	10000* (P_6)	Length7
	10001* (P_6)	
	1000001* (P_7)	
	1000000* (P_8)	

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FIG. 5

$$P_1 = 0$$

$$P_2 = 010$$

$$P_3 = 1010$$

$$P_4 = 10$$

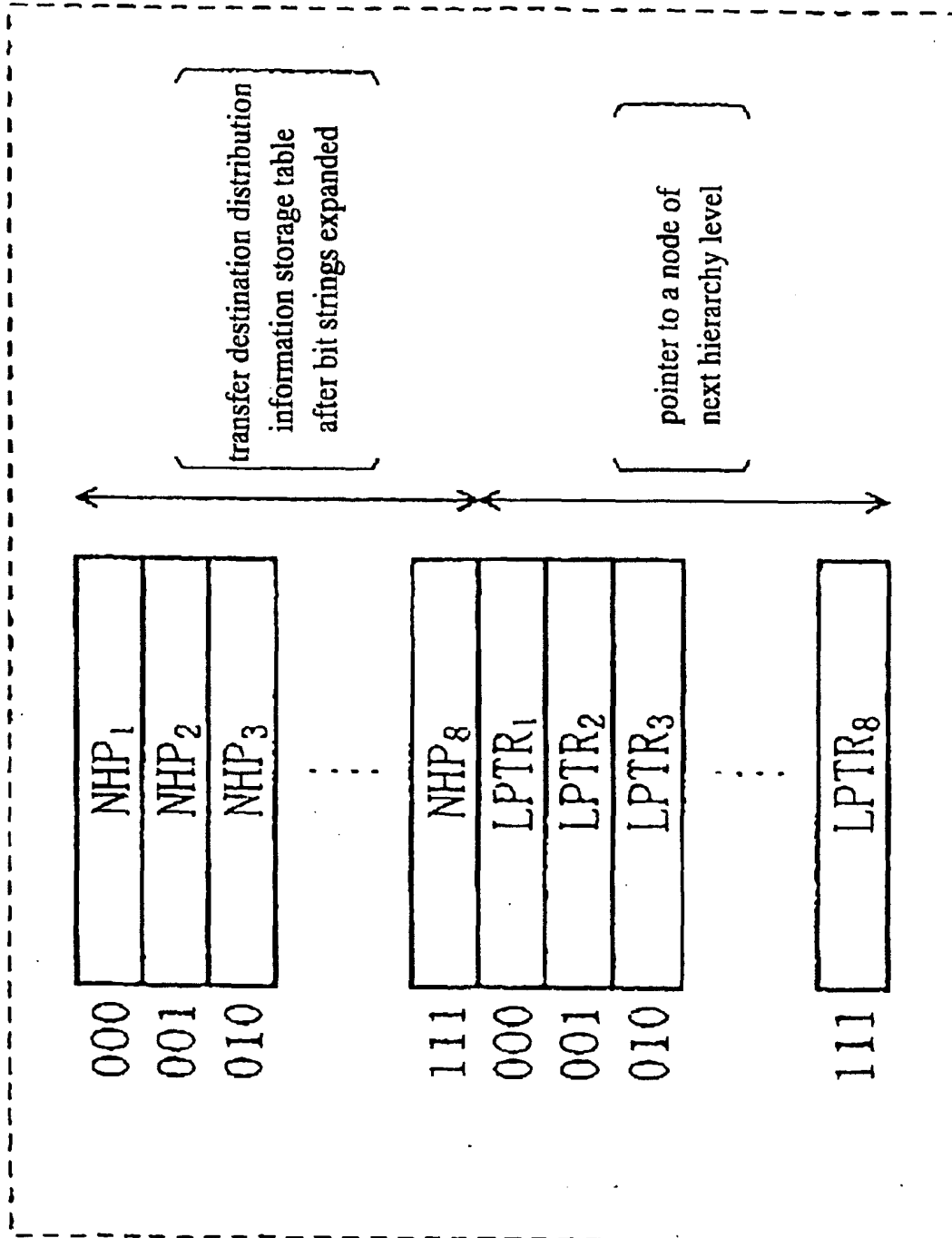
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FIG. 6

"0000"	P_1
"0001"	P_1
"0010"	P_1
"0011"	P_1
"0100"	P_2
"0101"	P_2
"0110"	P_1
"0111"	P_1
"1000"	P_4
"1001"	P_4
"1010"	P_3
"1011"	P_4
"1100"	NULL
"1101"	NULL
"1110"	NULL
"1111"	NULL

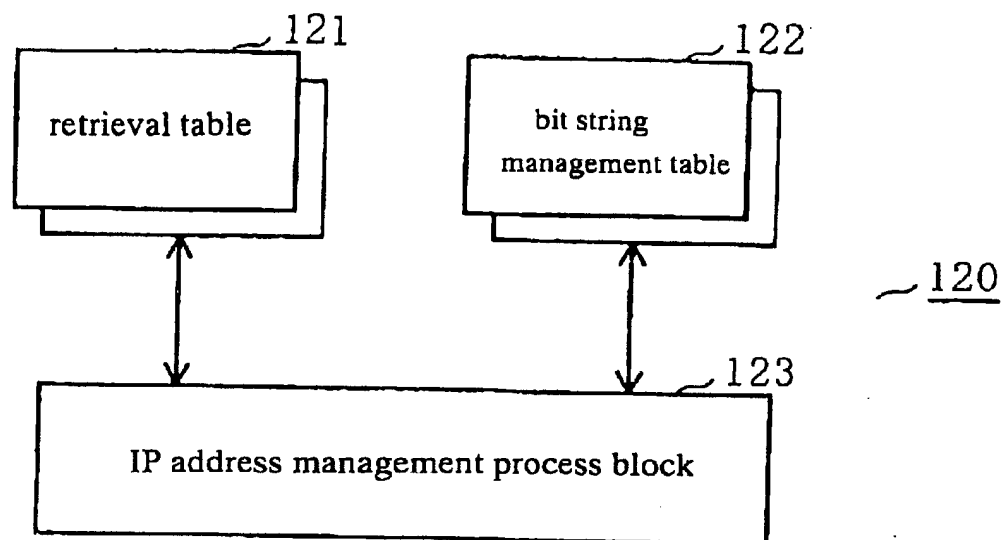
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FIG. 7



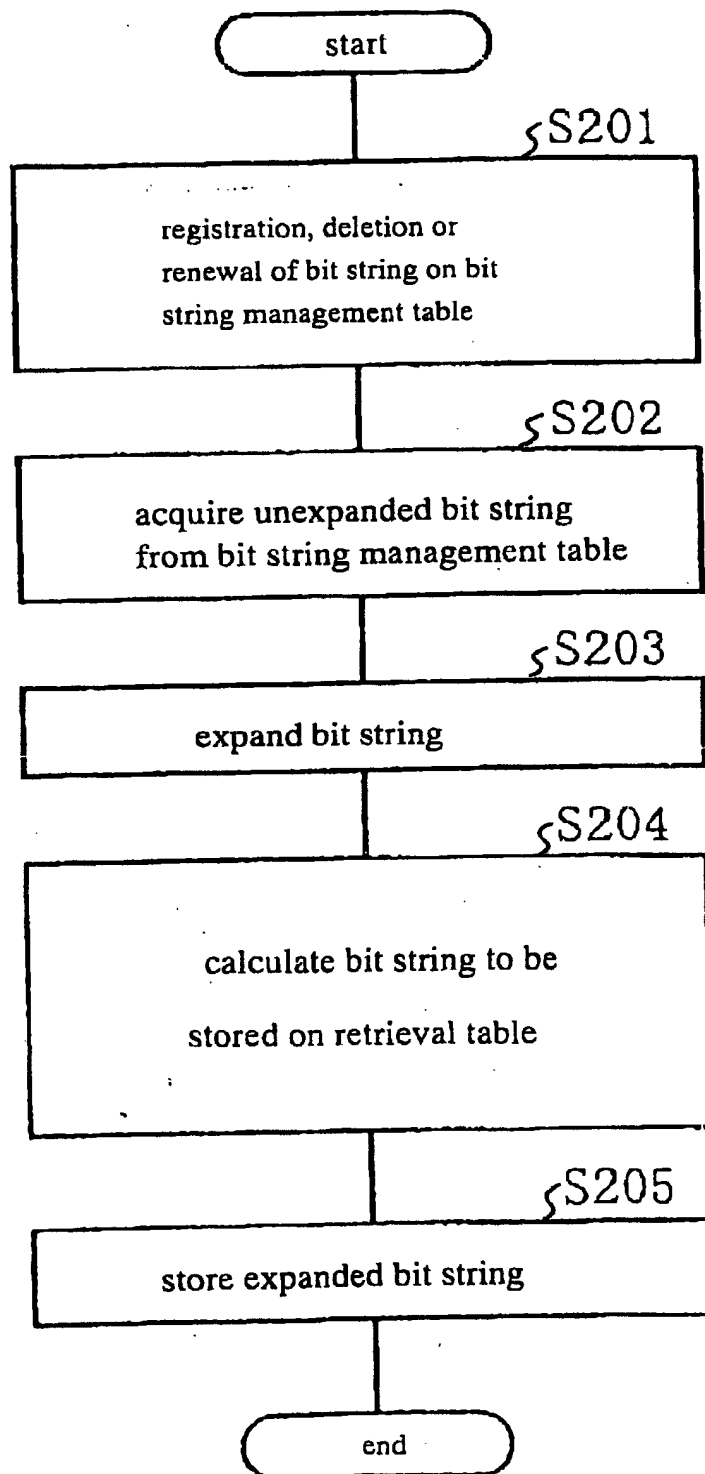
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FIG. 8



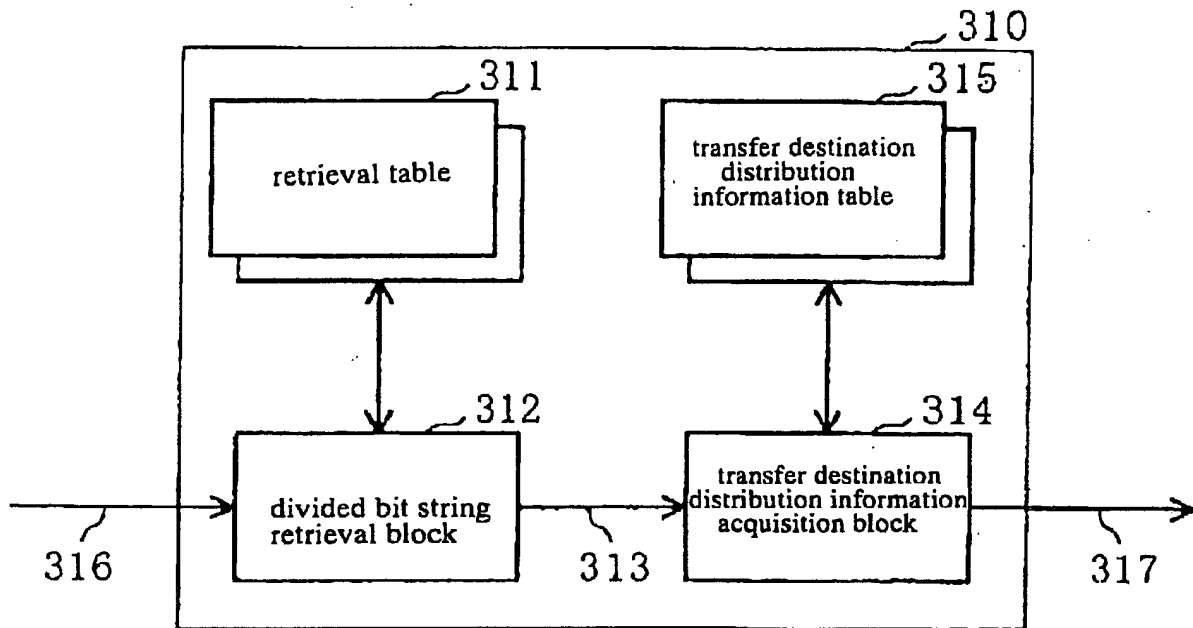
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FIG. 9
(bit renewal process)



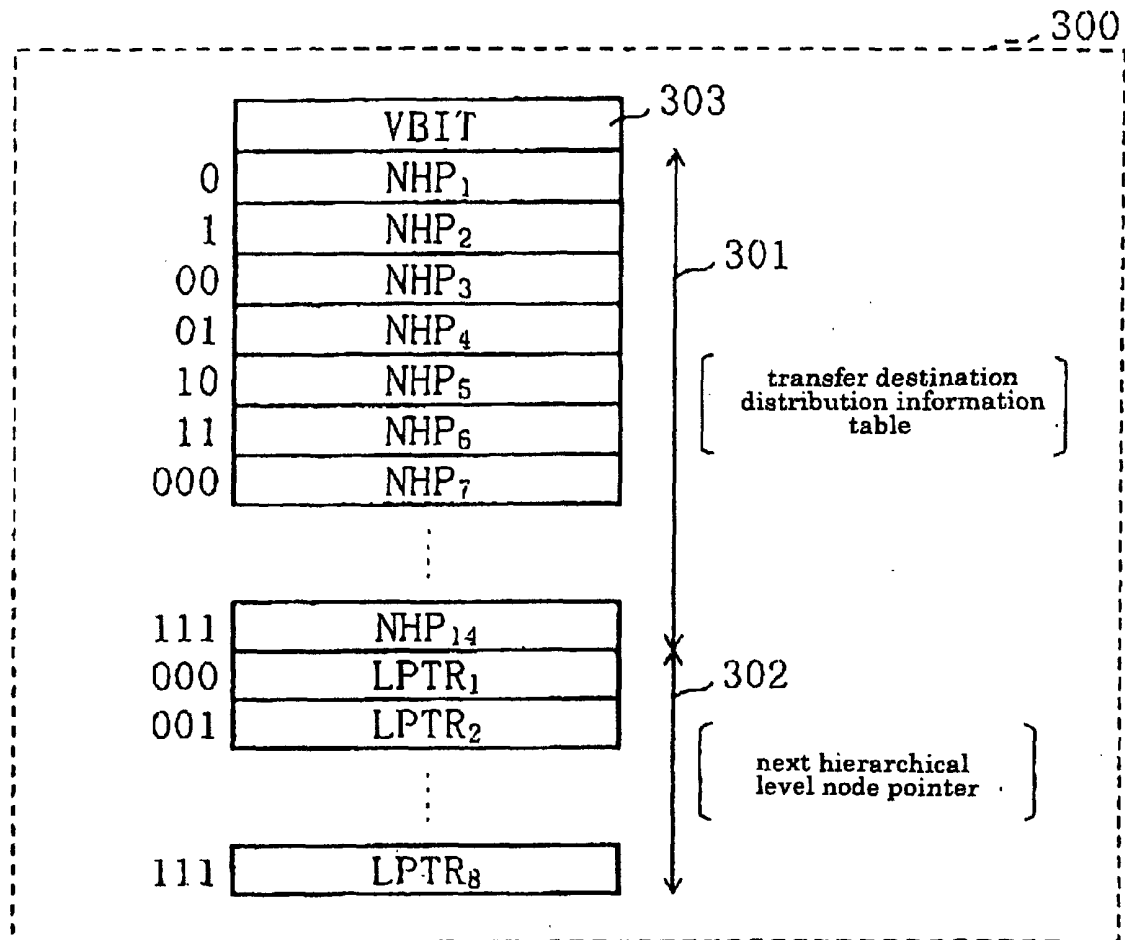
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FIG. 10



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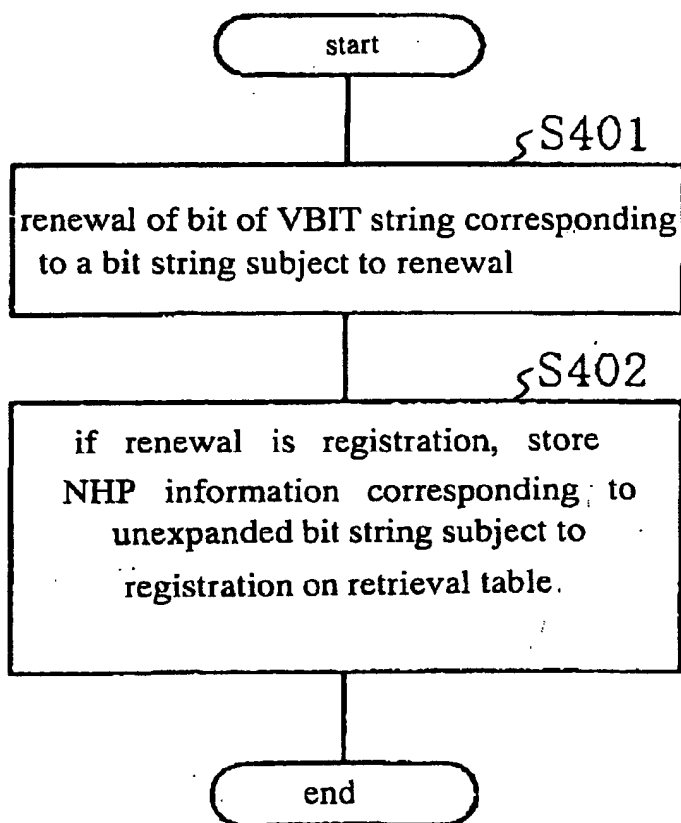
FIG. 11



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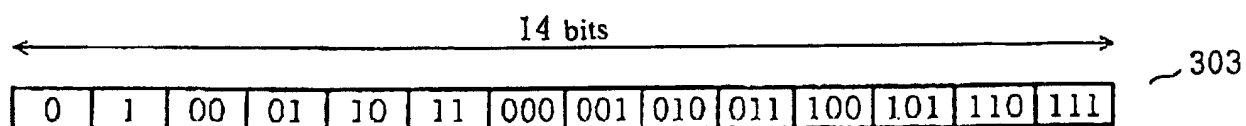
FIG. 12

(bit renewal process)



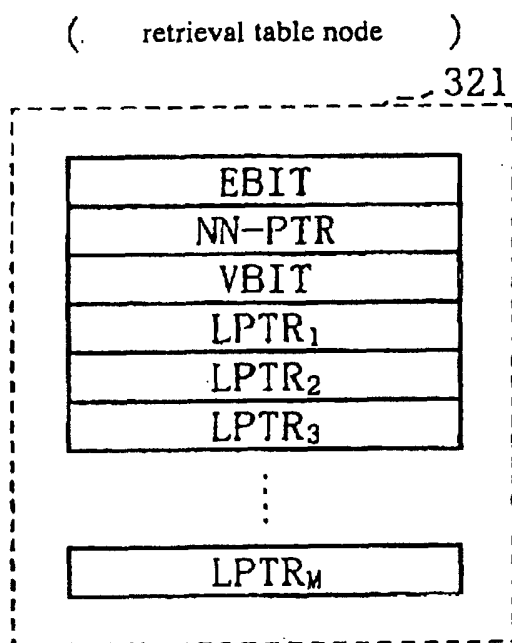
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FIG. 13



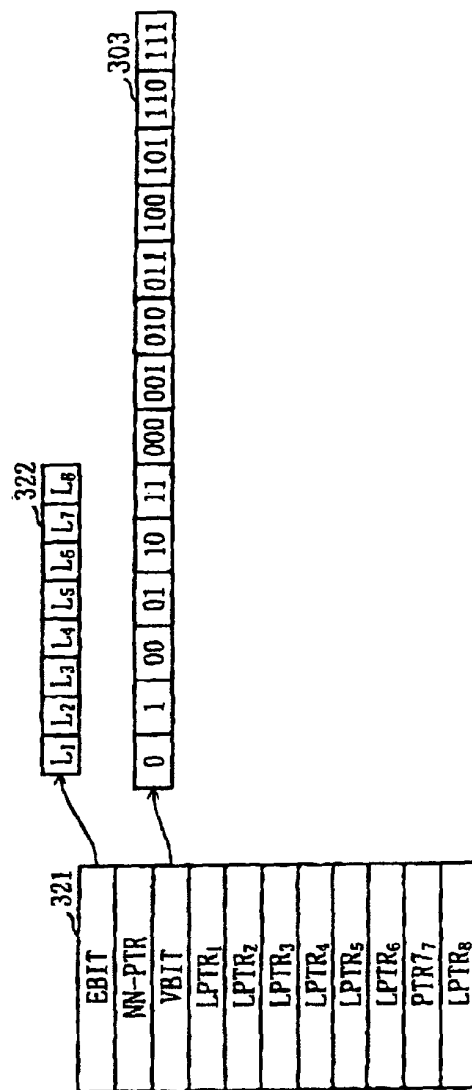
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FIG. 14



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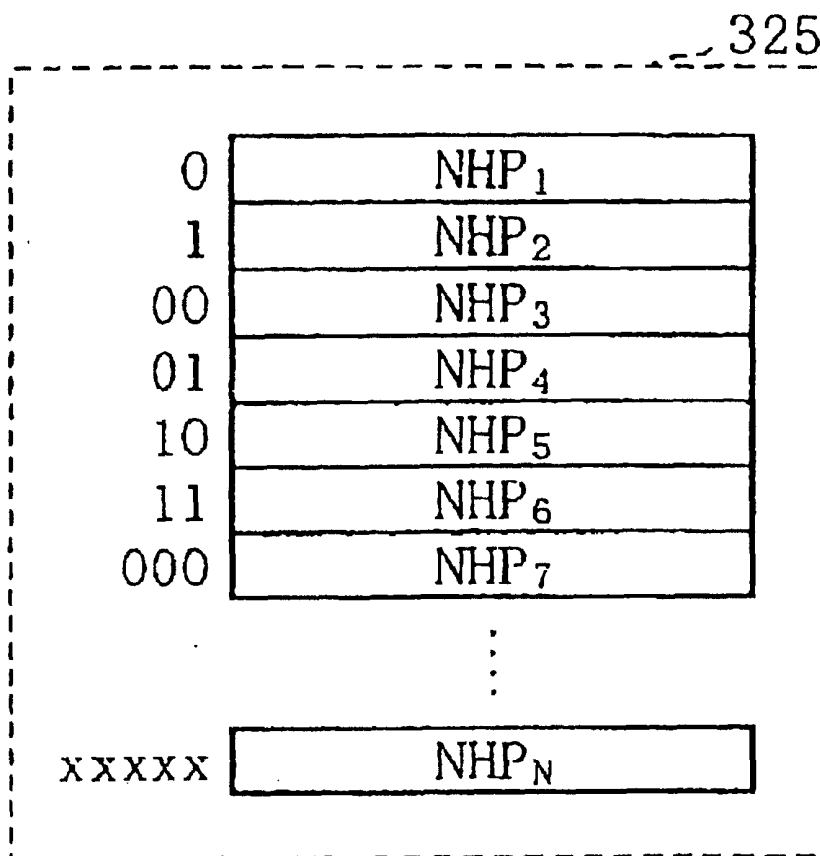
FIG. 15



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FIG. 16

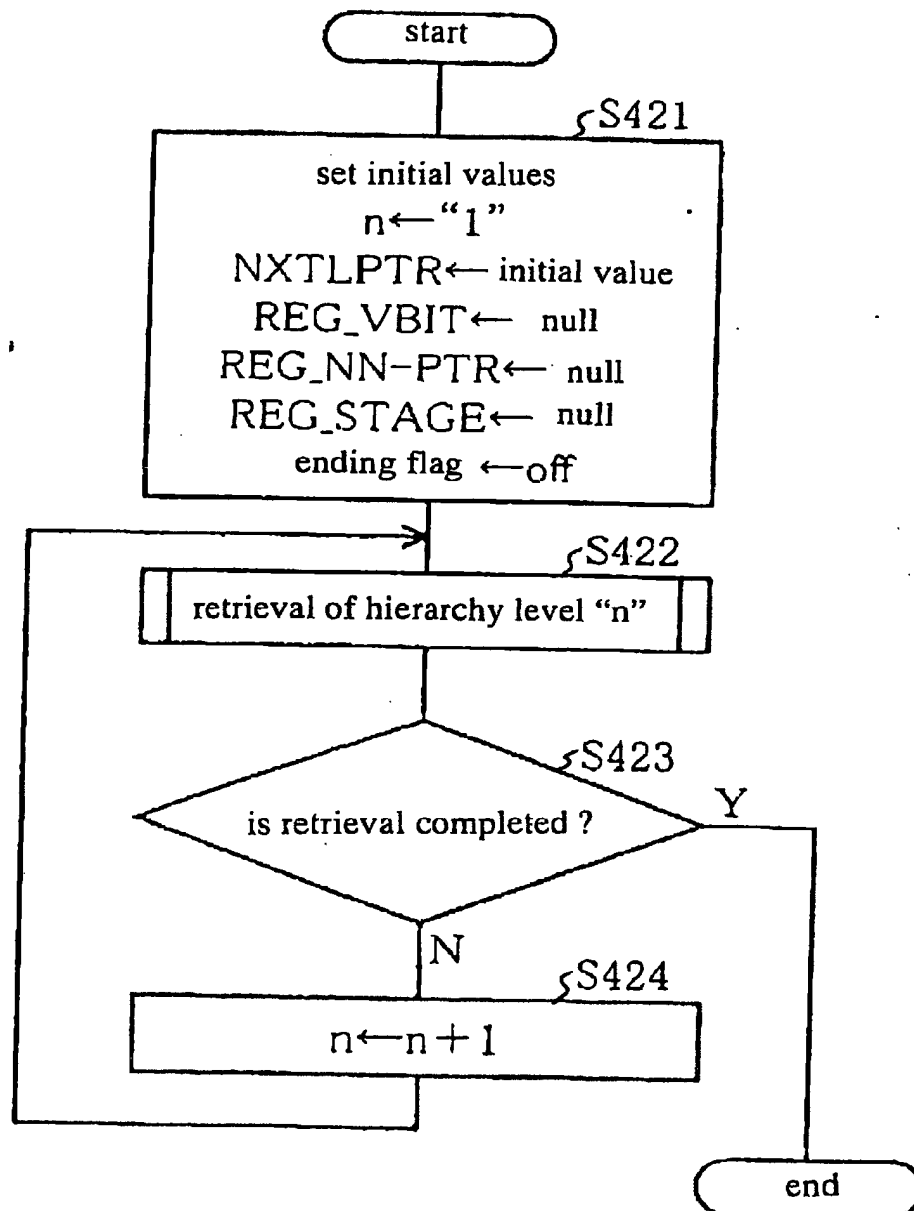
(transfer destination distribution information table node)



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FIG. 17

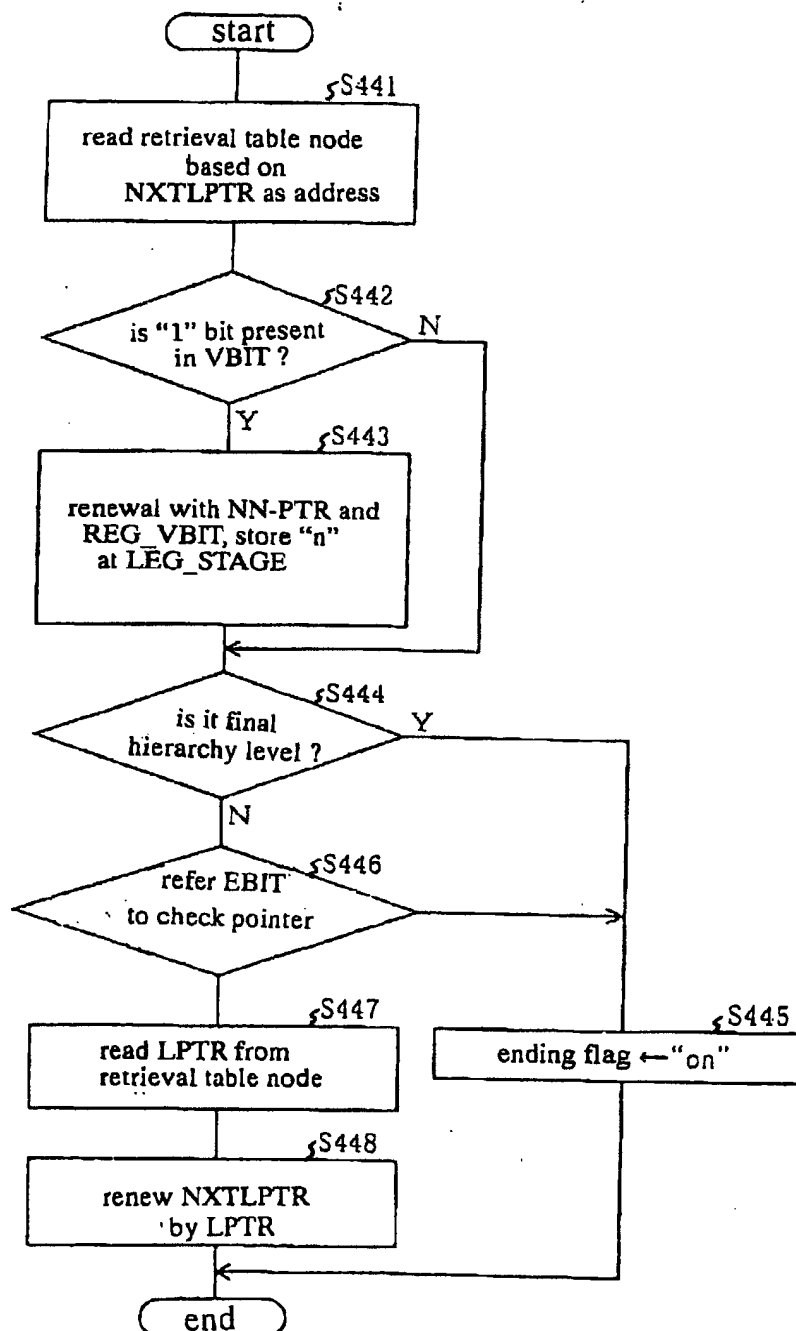
retrieval process for divided bit strings



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FIG. 18

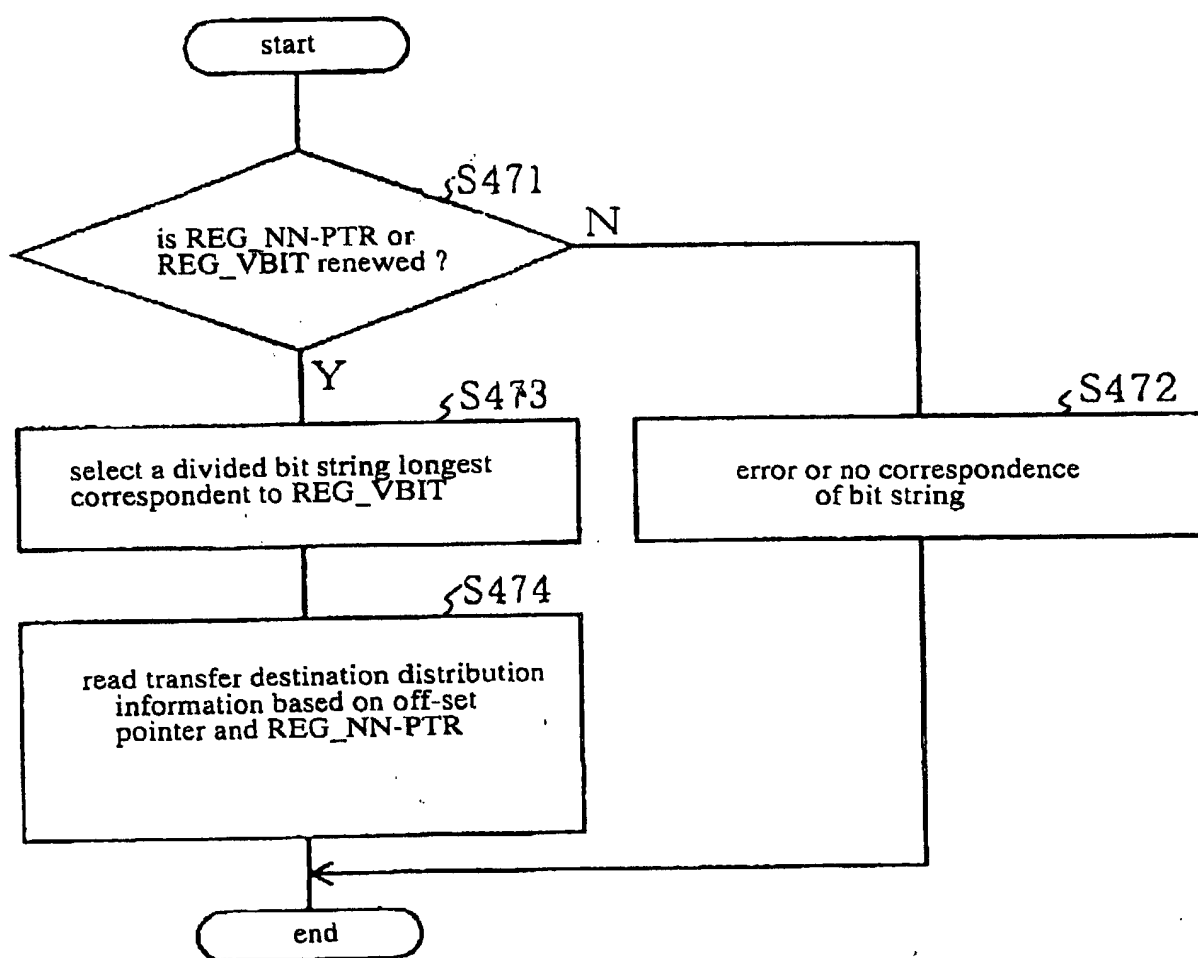
retrieval of hierarchy level "n"



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FIG. 19

acquiring process for transfer destination distribution information



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FIG. 20

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$$\begin{aligned} P_1 &= 01 \\ P_2 &= 00110 \\ P_3 &= 001101 \\ P_4 &= 10110010 \\ P_5 &= 10110011 \end{aligned}$$

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FIG. 21

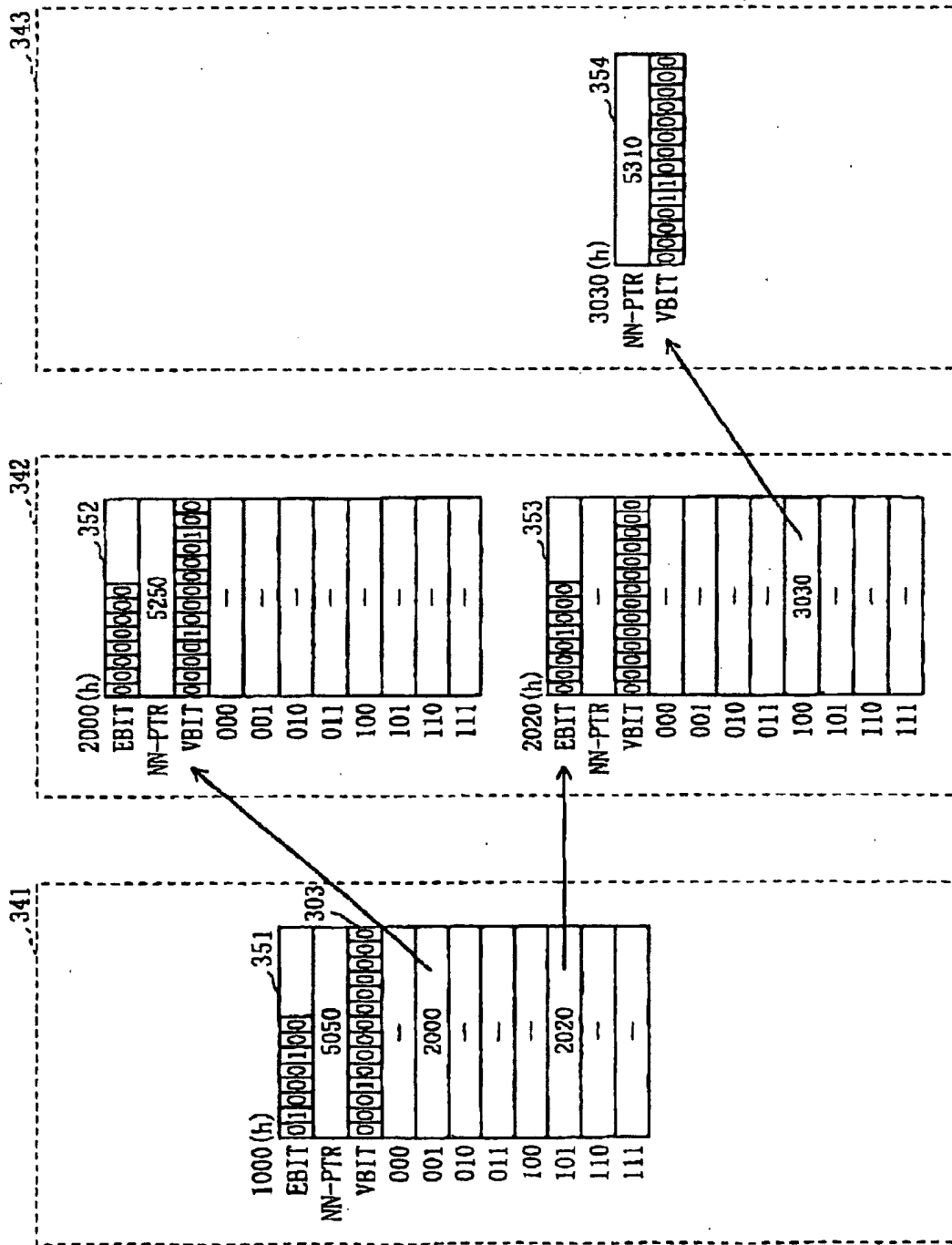
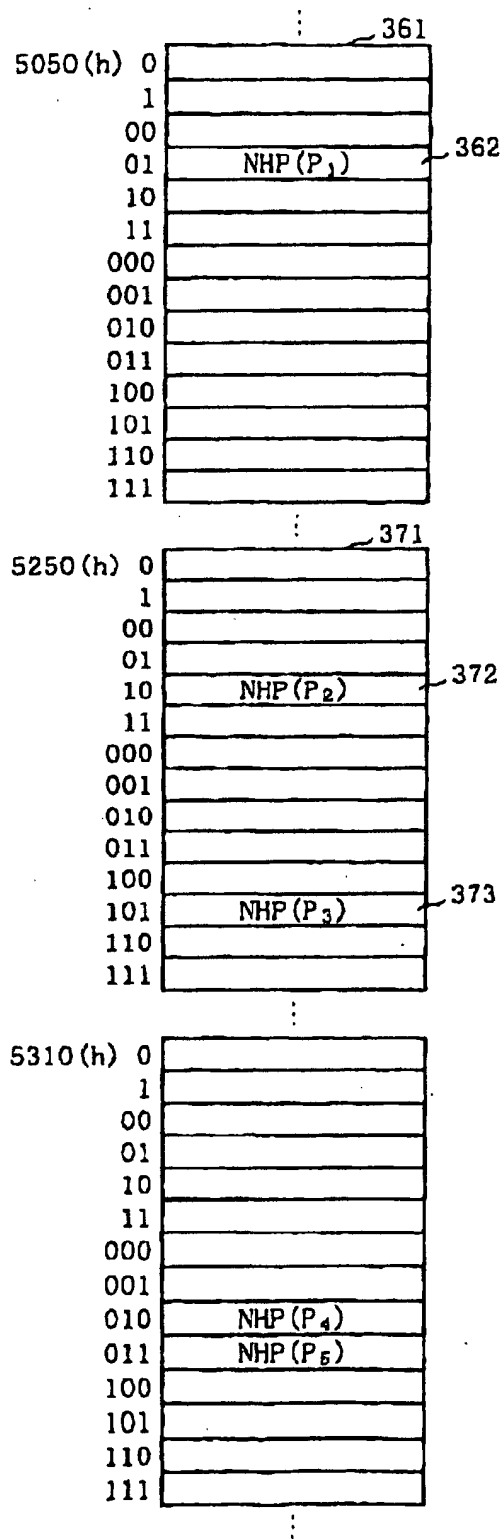
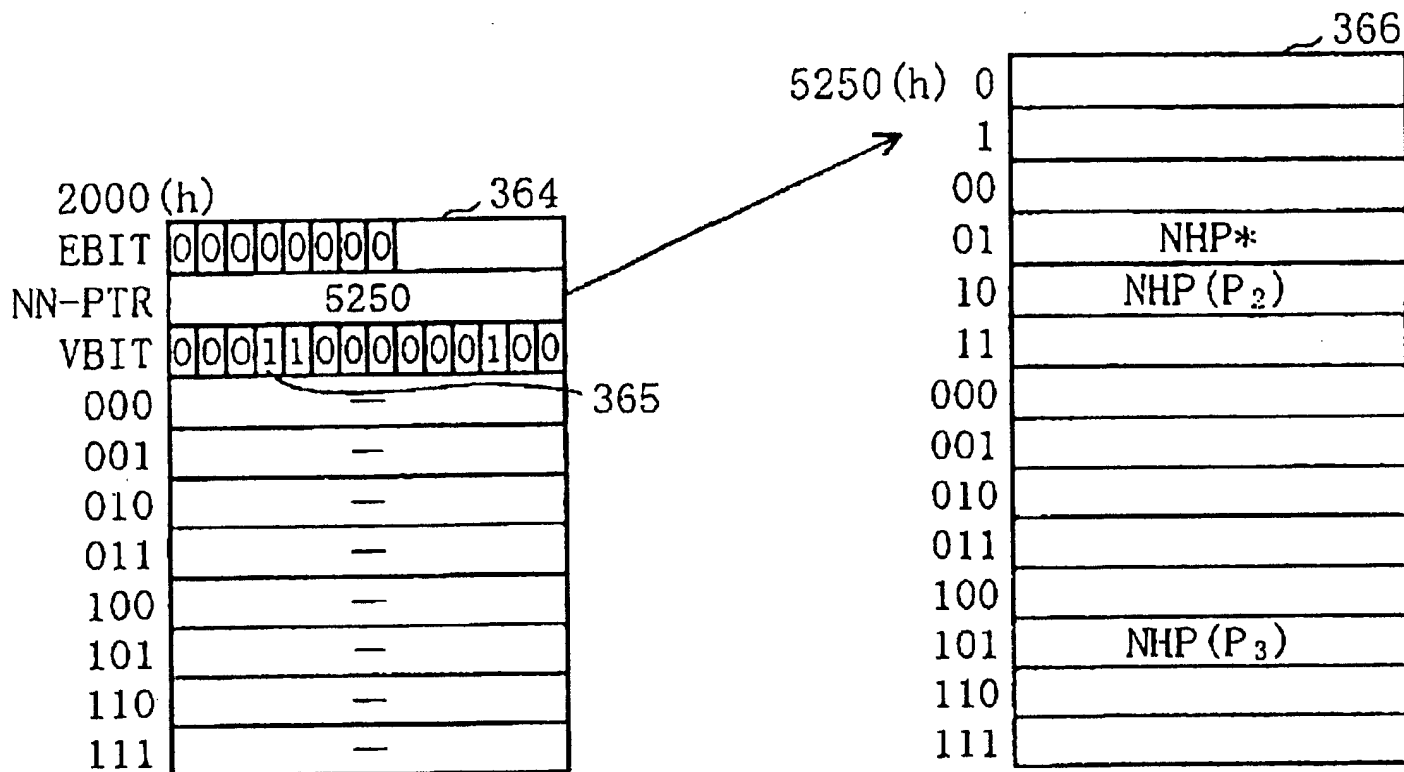


FIG. 22



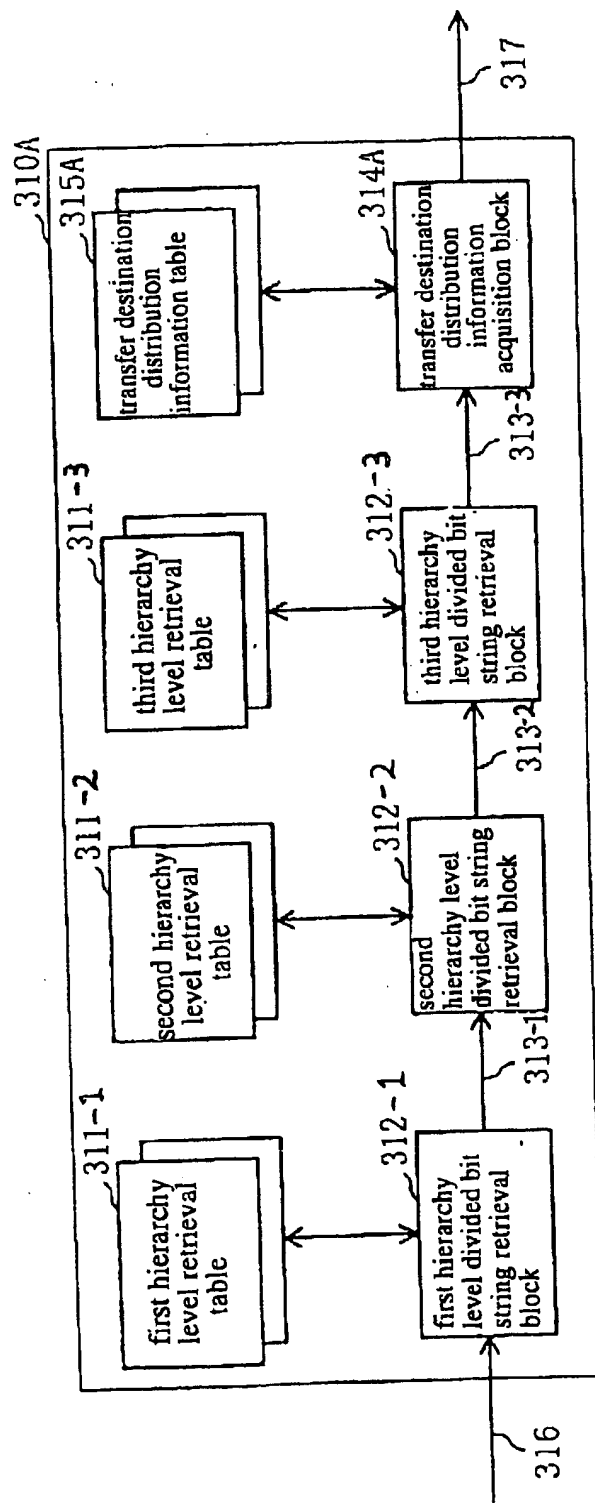
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FIG. 23



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FIG. 24



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FIG. 25

